

Ziekenhuis St Jansdal Selects M86 to Secure Its Network from Web Threats

Client:

Ziekenhuis St Jansdal

Website:

www.stjansdal.nl

Requirements:

Web filtering and reporting

Solutions:

M86 Secure Web Gateway

“Since deployment of the M86 Secure Web Gateway solution, our network security has dramatically improved, safeguarding our patient data and information.”

Karel Lankhorst
Head of Management & Support ICT
Hospital St Jansdal

BACKGROUND

Ziekenhuis St Jansdal (Hospital St Jansdal) is a midsize Dutch hospital located in the City of Harderwijk (The Netherlands). With 1,400 employees and 85 medical specialists, it strives to provide optimal and professional healthcare to the residents of North-West Veluwe and part of Flevoland.

As a healthcare institution, St Jansdal must protect the personal and medical data of its patients. The Wet Bescherming Persoonsgegevens (WBP – Personal Data Protection Act) and the Directive Goed Beheerd Zorgsysteem (GBZ) provide guidelines that hospitals must follow. They outline minimal requirements for security, performance, connectivity and access, as well as storage and transmission of data.

All digital data need to be protected in accordance with the NEN7510-norm, national guidelines for security of information in the healthcare sector. This norm (specified for complex organizations such as hospitals in NEN7511-1) ensures the quality of availability, confidentiality, and integrity of patient data.

Hospital St Jansdal needed a security solution that protects personal and patient information as well as ensure safe Web browsing for its employees.

“Considering the sensitive nature of our information and communications, there is no room for us as a hospital to compromise in the area of information security and compliance”, stated Karel Lankhorst, Head of Management & Support ICT at Hospital St Jansdal.

BUSINESS CHALLENGE AND REQUIREMENTS

Hospital St Jansdal is legally and ethically bound to protect personal and patient information. This information is a prime target for cybercriminals who use obfuscated malicious code as their tool. At the same time, the hospital also needs to guarantee its employees secure access to Internet and comply with various rules and regulations.

“We realized that our current security solution had limitations when it came to detecting and blocking crimeware, which had not only an impact on the safety of our network, but also on our need to comply with the WBP and NEN7510 regulations”, stated Karel Lankhorst, Head of Management & Support ICT at Hospital St Jansdal.

Previously, Hospital St Jansdal used a standard proxy server that could not fully detect and block dynamic malicious Web content from entering its network.

IT administrators wanted effective protection against Crimeware and Web 2.0 attacks in real time. The employees required safe Internet access while performing their duties, and confidential patient data and information needed to be protected from crimeware and malware.

After seeing the M86 Secure Web Gateway in action at a fellow healthcare organization, Hospital St Jansdal personnel knew this was the right solution for their complex security needs.

M86 SECURE WEB GATEWAY

It was clear to Hospital St Jansdal that M86 Security was the preferred vendor with a true solution against dynamic malicious content such as crimeware and Trojans.

ISSUE Information Technology, M86's Premier Partner in The Netherlands, implemented the solution. It features patented active real-time code analysis technology to detect and block inbound and outbound known and unknown malicious Web threats.

Deployed at the Internet gateway, the two redundant SWG 3000 appliances currently support the Hospital's 500 users in a high availability configuration. These all-in-one appliances feature M86's real-time code analysis, Vulnerability Anti.dote™, and Kaspersky's Anti-Virus.

M86 Secure Web Gateway is known for its ability to assist organizations with their compliance issues such as HIPAA. Since St Jansdal Hospital needs to be compliant with various rules and regulations, IT administrators were especially impressed with this ability.

KEY BENEFITS FOR ZIEKENHUIS ST JANSDAL

- IT network security from malicious and stealthy Web threats, including crimeware and Trojans that often bypass signature-based security methods
- Protection of personal and patient information
- Compliance with WBP and NEN7510 regulations
- Integrated security solution with single point of management, provisioning and reporting

ABOUT M86 SECURITY

M86 Security is the global expert in real-time threat protection and the industry's leading Secure Web Gateway provider. The company's appliance, software, and Software as a Service (SaaS) solutions for Web and email security protect more than 24,000 customers and over 17 million users worldwide. M86 products use patented real-time code analysis and behavior-based malware detection technologies as well as threat intelligence from M86 Security Labs to protect networks against new and advanced threats, secure confidential information, and ensure regulatory compliance. The company is based in Orange, California with international headquarters in London and development centers in California, Israel, and New Zealand.

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